



FORM 10-1449

## INFORMATION DISCLOSURE STATEMENT

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APPLICANT: Michael Egholm

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## US PATENT DOCUMENTS

EXAM INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
TV	01	5,332,666	July 26, 1994	Prober et al.	435	91.5	Oct. 22, 1991
	02	6,063,571	May 16, 2000	Uhlmann et al.	435	6	Sept. 11, 1997
	21	6,265,559	July 24, 2001	Gildea et al.	536	23.1	May 12, 2000

FOREIGN PATENT  
DOCUMENTS

EXAM INIT.		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO
TV	03	WO93/25563	Dec. 23, 1993					
TV	04	WO95/08556	Mar. 30, 1995					
	05	EP0672677	Sept. 20, 1995					
TV	06	WO97/31256	Aug. 28, 1997					
TV	07	WO97/49769	Dec. 31, 1997					
	08	EP0629542	Mar. 18, 1998					
TV	09	WO99/34014	July 8, 1999					

TV	10	Stratagene, Catalog, Gene Characterization Kits, page 39 (1988)
	11	Reaching, L. et al., "Polyamide Nucleic Acid Targeted to the Primer Binding Site of the HIV-1 RNA Genome Blocks in Vitro HIV-1 Reverse Transcription," <b>Biochemistry</b> 37, 900-910 (1998)
	12	Lutz, M.J., et al., Recognition of Uncharged Polyamide-Linked Nucleic Acid Analogs by DNA Polymerases and Reverse Transcriptions," <b>Journal of American Society</b> 119, 3177-3178
	13	Hari S. Misra et al., "Polyamide Nucleic Acid-DNA Chimera Lacking the Phosphate Backbone are Novel Primers for Polymerase Reaction Catalyzed by DNA Polymerases," <b>Biochemistry</b> 37, 1917-1925 (1998)
	14	Pastin, T. et al., "Minisequencing: A Specific Tool For DNA Analysis And Diagnostics On Oligonucleotide Arrays," <b>Genome Research</b> , 7, 606-614 (1997)
	15	Ross P. et al., "Discrimination of Single-Nucleotide Polymorphisms in Human DNA Using Peptide Nucleic Acid Probes Detected by MALDI-TOF Mass Spectrometry," <b>Analytical Chemistry</b> 69 (20), 4197-4202 (1997)
	16	Uhlmann, E. et al., "Peptide Nucleic Acids (PNA) and PNA-DNA Chimeras: From High Binding Affinity Towards Biological Function," <b>Biol. Chemistry</b> 379, 1045-1052 (1998)
	17	Uhlmann, E. et al., "Synthesis and Properties of PNA/DNA Chimeras," <b>Angew. Chemical Int. Ed. Engl.</b> 35 (22) 2632-2635
	18	Alexander C. Van Der Laan, et al., "A Convenient Automated Solid-Phase Synthesis of PNA-(5')-DNA-(3')-PNA Chimera," <b>Tetrahedron Letters</b> 38 (13), 2249-2252 (1997)
	19	Ravi Vinatak et al., "Automated Chemical Synthesis of PNA and PNA-DNA Chimera on a Nucleic Acid Synthesizer," <b>Nucleosides &amp; Nucleotides</b> 16 (7-9) 1653-1656 (1997)
	20	Yershov, G., et al., "DNA Analysis And Diagnostic On Oligonucleotide Microchips," <b>Proc. Natl. Acad. Sci. USA</b> , 93, 4913-4918 (1996)

EXAMINER:

DATE CONSIDERED:

3/3/06